



CHRIST
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B A N G A L O R E • I N D I A

A Project Report on

Cosmic-Zoom

Submitted in partial fulfillment of the requirements for the degree of

BACHELOR OF TECHNOLOGY

in

Computer Science and Engineering

by

Ram Shankar Choudhary (1760357)

Under the Guidance of

Dr. Sandeep Kumar

and

Samhitha Kottamasu

Department Name

School of Engineering and Technology,

CHRIST (Deemed to be University),

Kumbalaguda, Bengaluru - 560 074

May-2021



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CERTIFICATE

This is to certify that **Ram Shankar Choudhary** has successfully completed the project work entitled “**Cosmic-Zoom**” in partial fulfillment for the award of **Bachelor of Technology** in **Computer Science and Engineering** during the year **2020-2021**.

Dr. Sandeep Kumar

Guide Designation

Samhitha Kottamasu

Exhibition Designer

Dr. K Balachandran

Head of the Department

Dr. Iven Jose

Dean



School of Engineering and Technology

Department Name

BONAFIDE CERTIFICATE

It is to certify that this project titled “**Cosmic-Zoom**” is the bonafide work of

Name	Register Number	Department
Ram Shankar Choudhary	(1760357)	Computer Science & Engineering

Examiners [Name and Signature]

1.

Name of the Candidate :

Register Number :

Date of Examination :

2.

Industry Certificate

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Acknowledgement

We would like to thank **Dr. Rev. Fr. Abraham V M**, Vice Chancellor, CHRIST (Deemed to be University), **Dr. Rev. Fr. Joseph CC**, Pro Vice Chancellor, **Dr. Fr. Benny Thomas**, Director, School of Engineering and Technology and **Dr. Iven Jose**, Dean for their kind patronage.

We would also like to express sincere gratitude and appreciation to **Dr. K Balachandran**, Head of the Department, Department Name for giving me this opportunity to take up this project.

We also extremely grateful to my guide, **Dr. Sandeep Kumar**, who has supported and helped to carry out the project. His constant monitoring and encouragement helped me keep up to the project schedule.

We also extremely grateful to my co-guide, **Samhitha Kottamasu**, who has supported and helped to carry out the project. His constant monitoring and encouragement helped me keep up to the project schedule.

If outside the college-mention the organisation and the concerned people, like head of the organisation, guide and any other person you want to thank. All faculty and non-teaching staff. You may acknowledge your parents or any who supported you.

Declaration

We, hereby declare that the project titled “**Cosmic-Zoom**” is a record of original project work undertaken for the award of the degree of **Bachelor of Technology** in **Department Name**. We have completed this study under the supervision of **Dr. Sandeep Kumar**, Guide Department and **Samhitha Kottamasu**, .

We also declare that this project report has not been submitted for the award of any degree, diploma, associate ship, fellowship or other title anywhere else. It has not been sent for any publication or presentation purpose.

Place: School of Engineering and Technology,
CHRIST (Deemed to be University),
Bengaluru

Date: 15-06-2021

Name	Register Number	Signature
Ram Shankar Choudhary	(1760357)	

Abstract

The use of internet has had many positive effects on education. It has provided us with the means to educate each and everyone without any discrimination, and any limitations (term relative only in terms of education, not the accessibility limitation). It overcomes both the limitations that students mostly have, which is time and the amount of space required for various books. This also benefits the teachers who have vast access to all the information and resources from the internet.

2020 was the year that challenged all the education systems to re-think the way students could be educated and also resulted in many educational conferences being cancelled. But this also led us to switching to new ideas/processes using internet as the backbone of all the work we do. My project also involved converting an offline exhibition that was held every year to an online variant.

This exhibition has been converted to an online variant wherein scientists, researchers, and scholars from various universities come in and explain about their research and the impact that it produces in real-world. The design and development of the website took nearly 7 months comprising various applications, technologies, illustrators, animators...etc. For the wireframing and the prototype of the website Adobe XD was the most used application other than Figma and Framer X. The front-end of the website was built using ReactJs framework, using Tailwind-Css, Twin Macro and Styled-Components to style the website. The data is being populated using Google Sheets API as they wanted to quickly keep changing content and wanted that to be reflected in the website without the hassle of updating it constantly to a database like postgres or Mongo as that would also introduce a curve to learn for the non-technical people who were managing the exhibition. The website was put into production using Nginx using the on-site servers.

Keywords: React.js, Tailwind, Nginx, Google Sheet API, Git

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GLOSSARY

Item	Description
Adobe XD	Adobe XD is a vector-based user experience design tool for web apps and mobile apps, developed and published by Adobe Inc.
Figma	Figma is a vector graphics editor and prototyping tool.
Framer X	Framer X is another prototyping tool but with a lot of emphasis on motion design.
ReactJs	React is an open-source, front end, JavaScript library for building user interfaces or UI components.
TailwindCSS	A utility-first CSS framework packed with CSS classes.
API	A pplication P rogramming I nterface
Nginx	NginX is a web server that can also be used as a reverse proxy, load balancer, mail proxy and HTTP cache.

Chapter 1

INTRODUCTION

The technology has evolved rapidly and provided us with various ways to communicate on a global scale and assess vast amount of information with a click. This benefit can be utilized by various sectors, and one of them is education which can be greatly made more efficient by removing limitations of time, space and money. Students could watch a topic being taught any time of the day, anywhere and also maybe for free of cost. With the rise of pandemic, and with the restrictions to the people, the technology to teach people has gathered a lot of attention and all the educational institutions are implementing various ways using these technologies. This is the same for organizing various educational events which help students learn much more than their syllabus and provides them a way to essentially choose their career path. My project also is involved in developing such a website that is used to educate students with a very minimal user experience, so as to let all the age groups be able to access the website.

The purpose of this project was to implement an approach of user experience for a website design, that could highlight all the events conducted in the exhibition that also brought about the vision the client i.e. Ajith wanted it to be, and also to develop this using the necessary technologies. While working on this project I mostly concentrated on revealing and understanding the concepts of UX design which include usability, visual design and human factors affecting the user experience. The vision that the client wanted was for the website to look simple and yet elegant and to be accessible on any device without any hiccups with great user experience. With a lot of thinking, wireframing, and prototyping we came up with a design and a story that would be narrated by a host while showcasing the website. The process of designing and developing was divided into various phases like wireframing, designing, prototyping, data gathering, developing front-end, connecting APIs, and the deploying to an in-house server.

1.1 Problem Formulation

Under this the reason for choosing the particular problem or title for the project shall be explained along with the thought process that was involved in doing so. Since this project was for an online exhibition, the main goal was for it to have a very nice user experience, and also to tell a story from the narrator's point of view during the event. My aim was to understand all the design aesthetics needed for the project, and for that I needed to clearly understand the scope of this exhibition as this would help me imagine and approach the design as intended by the narrator of the website(i.e the host of the online exhibition). The user experience and the libraries that will be used to complete this project would be a problem as everything would have to be customized as the client would want it to be.

1.2 Problem Identification

Clearly, the problem here would be designing a good user experience that bodes well for people of all ages and provides them with a intriguing experience to enjoy the whole exhibition, along with the narrator. User experience concentrates on how the overall design makes the user to feel. To create not just beautiful but also qualitative and well-worked design is why a user experience design is needed. To achieve positive user feelings during using a website, designers should understand users' goals, desires, fears, behaviors and ambitions. The problem during software development is that the technical approaches/practices are more popular than user-centric ones. Based on a huge number of surveys conducted by the groups with strong reputation in software production, this is a problem which leads to unsuccessful projects. The reason is the lack of attention to user inputs. In the website design the user experience is identified by not just usability alone. It's also impacted by a lot of design components that UX design covers. It includes usability, utility, design, human factors, accessibility, persuasiveness and others. All these factors while designing also affect the way that a website has to be developed, because the layout needs to be as accurate to the design as possible.

1.3 Problem Statement & Objectives

The project is meant to design and develop a website that has a good user experience, that can be used by people of all ages without much effort. It should be responsive and visually pleasing to all kinds of user. This website is for an exhibition that is being converted to an online exhibit and needs a lot of design approaches to be used to make it like so.

1.4 Limitations

There are a few limitations regards to this project alone, as I am the only developer who would also design the user experience of the online exhibit and due to the team not being technical various terminology issues arise, where I have to summarize what I mean, and also the lack of understanding of the domains of which the exhibit is conducted presents an issue by itself. Technically, there is one limitation I would like to highlight; which is not using a database but rather a google sheet api which is not a good approach, but it was done due to the limitation of team not being technically adept and also because it would reduce my(developer's) burden to constantly keep updating data.

Chapter 2

RESEARCH METHODOLOGY

Research methodology is defined as a systematic study of defining a problem and formulating a hypothesis by collecting and analyzing data and information and making deductions and conclusions based on it. Research is often considered as a careful investigation or inquiry specifically through search for new facts in any branch of knowledge. Its main purpose is to inform action, to prove a theory, and contribute to developing knowledge in a field or study. In prior to developing any project or product, company firstly conducts a thorough research on demanded product its going to develop, whether or not it is scalable for all clients, how much will it benefit them; what are the advantages and shortcomings of existing systems One of main concern is how we can overcome them to create a more advanced, simple, interactive and easy-to-use system for both employers and employees. In my case, the problem lies in the design and the modeling of the website and how it needs to be implemented. This website is made to emulate an exhibition and has been converted to an online variant wherein scientists, researchers, and scholars from various universities come in and explain about their research and the impact that it produces in real-world.

Chapter 3

LITERATURE SURVEY AND REVIEW

The literature review was based on an extensive exploration of art, design, education and about online exhibitions.

3.1 Literature Collection & Segregation

3.2 Critical Review of Literature

Chapter 4

ACTUAL WORK

In this project, I help design and build a web-site that is visually pleasing to all the age groups and has a great user experience. This website is designed to emulate how an offline exhibit would be like. A lot of work went into the design and the user experience of the website, and then more during web development. Various applications, and web-development technologies were utilized to create this online exhibit.

4.1 Software Requirements

Adobe XD Adobe XD is a vector-based digital design tool for websites and apps. It is used to create and collaborate on everything from prototypes to mockups to full designs. It is developed by Adobe and is available for Windows and macOS. It supports website, mobile, apps, etc to create wireframes and click-through prototypes.

Framer Framer is a tool similar to Adobe XD but can be used to design everything, it already has a lot of templates and designs to choose from. It is used to create high-fidelity prototypes with smart features in a very small amount of time. It has a variety of components like drag and drop, layout tools, typography, building blocks and many many more.

React Js ReactJS is a open-source JavaScript library used to build reusable UI components. React is a library for building composable user interfaces. It encourages the creation of reusable UI components, which present data that changes over time. It is maintained by Facebook and a community of individual developers and companies. React can be used as a base in the development of single-page or mobile applications.

Tailwind CSS TailwindCSS is a utility-first CSS framework packed with CSS classes that can be composed to build any design, directly in React or HTML classes. With Tailwind, you style elements by applying pre-existing classes directly in React. Tailwind CSS is a utility-first CSS framework for rapidly building custom user interfaces. It is a cool way to write inline styling and achieve an awesome interface without writing a single line of our own vanilla CSS.

Frame Motion It is a library for React that is used to animate all the HTML elements or React components. It's a motion library which is open source used to create animations and gestures. Motion uses the Framer library(the tool that we used to prototype) to create animations. It can be used on any element, whether it's an input element, or only a single path of an SVG.

Google Sheet API Google sheets API provides us a way to Read, write, and format data in Sheets using their API. This API has a lot of settings with which we can create beautiful and functional sheets within the code itself. Each spreadsheet has an id associated to it(you can also have a look at this id in the url when you open a google spreadsheet).

React Slick - used in creating the custom slider React slick is a react component that can be used to create custom carousel's based on various parameters and CSS tweaking. React-Slick by itself is a component made up of javascript and css which has a basic slider functionality that we have used in this project to create the main page by customizing it a lot.

4.2 Methodology for the Study

The purpose of creating a website for the online exhibition is to provide a medium for students, researchers, and scholars to gather and get to know about the research of various other scientists/researchers from various other fields. The first step to do that is to make the website have a very good user experience and that can be used by all age groups, and also make it simple yet elegant in the views of these users. This is done by a lot of research of the way the various interactions can be shown and also the best way to show details of a particular exhibit.

4.3 Experimental and or Analytical Work Completed in the Project

Using React Slick to create a custom slider

React slick is a react component that can be used to create custom carousel's based on various parameters and CSS tweaking. React-Slick by itself is a component made up of javascript and css which has a basic slider functionality that we have used in this project to create the main page by customizing it a lot. The reason to choose this project over any other was because of the simplicity and the accessibility to its parent code that is provided to us when we install it.

Google Sheets API

Google sheets API provides us a way to Read, write, and format data in Sheets using the their API. This API has a lot of settings with which we can create beautiful and functional sheets within the code itself. Each spreadsheet has an id associated to it(you can also have a look at this id in the url when you open a google spreadsheet). The main reason we choose this API was to read the cells of the spreadsheet, so that data from here can be populated in the exhibition website.

4.4 Analysis & Design

UX concentrates on how the overall design makes the user to feel. To create not just beautiful but also qualitative and well-worked design is why a user experience design is needed. To achieve positive user feelings during using a website. The problem in software development is that the technical practices are more popular than user-centric ones. Based on a huge number of surveys conducted by the groups with strong reputation in software production, this is a problem which leads to unsuccessful projects. The reason is the lack of attention to user inputs. In the website design the user experience is identified by not just usability alone. It includes usability, utility, design, human factors, accessibility, persuasiveness and others. In my project I have focused on three of them: usability, a visual design and the human factors, as the client wants the exhibit website to be used by people of all ages. The usability of the website concentrates on people, their satisfaction and how they use and understand things. People change very slowly, while technology changes quickly. The concept is not just about technology and ease of use.

With the analysis done on the type of users that may use our site, we build a wireframe that's simple and is also follows all the user experience standards we had set ourselves. Below is a figure of a single component and with all the rules that were set to make the user experience better on all devices.

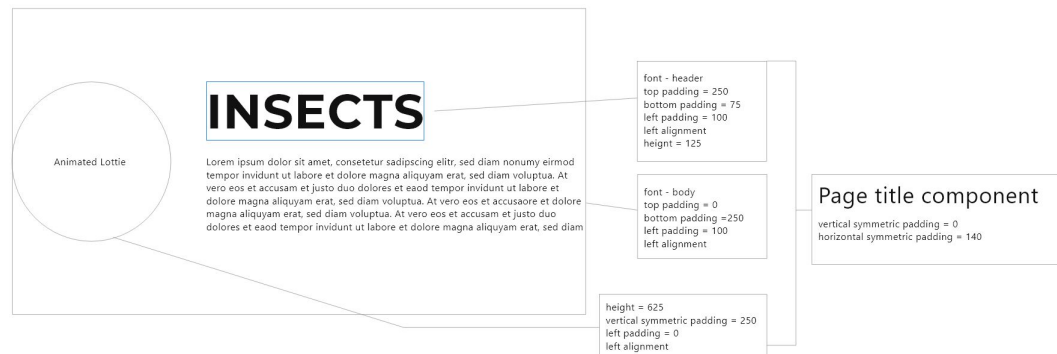


FIGURE 4.1: Wireframe a single title component

This wireframe design is then used as a point of reference to develop the website using web-technologies like React, TailwindCSS..etc and the below figure is a result of that.



FIGURE 4.2: Wireframe a single title component

4.5 Prototype & testing

Chapter 5

RESULTS, DISCUSSIONS AND CONCLUSIONS

As every project starts with a goal to establish, a problem to solve and to make existing projects better, they all lead to a result. These results helps us to determine whether the approach taken, job done, analysis and research conducted was correct and up to the mark or not. These results then help us to conclude what we have gained from all the hassle of researching, developing and testing.

5.1 Results & Analysis

The website, after several bug fixes and updates, feels very smooth and has good user experience as the client would want it. It is easily able to run both mobile phones and desktops. The following are the highlights of the website.

1. The user experience is simple and elegant such that people of any age will easily be able to go through the website.
2. The main page with the carousel is gesture friendly, it can be operated via gestures using mouse, hand gestures, touch pens..etc -
3. Mobile frindly even with a lot animations that have to load up. A lot of optimizations were done to the the gifs before exporting them so that it can easily be loaded on web-sites.
4. The website is well adapted and tested to handle real time data, with instant changes in Google sheet data. The website automatically updates after a new refresh with the latest data from the google sheet data

5.2 Comparative Study

There are a lot of websites that are used to showcase various educational exhibits, some of the most notable one's are [First Ladies of United States](#) and [National Portrait Gallery](#). These were taken as an inspiration to design and develop the exhibition website, but make it more simple and user friendly. After the completion of the development process, here are a few aspects that stand out from other dashboards:

1. The application is made to look simple and is less straining to one's eye's when the all the focus is given only to the main content.
2. The main page has a custom made carousel that is accessible very easily both on large and smaller screens.
3. All the details come from a live google sheet that is continuously being maintained for the latest and most accurate information and latest exhibits.

5.3 Discussions

This project opens up a lot of topics that can be discussed to educate common public, researchers, scholars, and students with various research and studies happening around them. It opens up the possibility to conduct online exhibitions with various other factors that can be included like quizzes, games, competitions..etc on the internet

5.4 Conclusions

The completeion of this project led to an online exhibition being called [Cosmic-Zoom](#) held by [ICTS\(International Centre for Theoretical Sciences \)](#), a centre of the Tata Institute of Fundamental Research which is a research institute which wanted to conduct an exhibition showcasing their research and scientfic discoveries in a storified manner through the website. This project led me to learn a lot of technoiologies and many Javascript libraries like react-router, styled-components, twin macro, framer motion and many many more. It also helped me look websites from a new perspective, of a designer as to how the user experience of a user can be increased and all components that are attached to this.

5.5 Scope for Future Work

1. Using a CDN to get the files and store in the user's cache is much better than loading it up at each reload 2. It is better to get data from a database rather than using Google Sheet API to get data from. The easy solution to this is to build an admin page that has access to the database, and has an editor like [Quill.js](#) to be able to edit all the data, which will update on the website too. 3. More image optimization has to be done to let the image lazy-load only after all the other UI components and text have successfully loaded. This'll make it faster to browse the site from one page to the other very quickly.

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PUBLICATION DETAILS

S.K. Kenue and J.F. Greenleaf, “Limited angle multifrequency diffraction tomography,”
IEEE Trans. Sonics Ultrason., vol. SU-29, no. 6, pp. 213-217, July 1982.

Appendix A

CosmicZoom Website

A lot of effort was put into the the design and prototyping of the website to have a great user experience. Tools like Adobe XD, Framer were used to prototype how the website would look like and the amount of content it should contain. The figure below is one of wireframes for one of the exhibits.

Figure Insects page wireframe [Figure A.1]

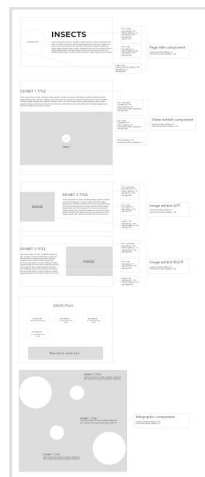


FIGURE A.1: Insects page wireframe

The wireframe above shows us one of the pages(internally called 'Insects scale page'), and the contents that it may have, which may also change based on later developments. This doesn't consist the navbar or the footer as that was designed during the development phase itself and more emphasis was given to the main body itself, each of the

sections within this is divided into contents, so that I can templatize it for all the other pages too. The components from the top are:

- 1, Title Component: It consists of the scale animation i.e the topic which this current exhibit contains information about, a title, and a paragraph of about 50-80 words describing why is this page relevant to the exhibit.
2. Video Component: It consists of the title of the video, a paragraph containing some more detailed information to refer after watching the video, and then the video itself, All the details including the link of the video comes from the Google Sheet API and are mapped over these components.
3. Image Component: It's the same as video content, but there is an image rather than a video. It also gets all the content from the Google Sheet API.
4. Infographic Content: This component is basically a div container with padding and some media queries for the image placed inside to be responsive.

A.1 Components

Adobe XD Adobe XD is a vector-based digital design tool for websites and apps. It is used to create and collaborate on everything from prototypes to mockups to full designs. It is developed by Adobe and is available for Windows and macOS. It supports website, mobile, apps, etc to create wireframes and click-through prototypes.

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Appendix B

Custom Carousel

A customized carousel was built by me for the main poage of the exhibit to implement the design that we had created. The carousel was created using the help of a library called React-Slick, which is a slider library that also let's you customize it's parameter's through javascript, and CSS(Cascading Style Sheets). For the website to be as the client wanted i.e to be accessible by any age groups, a lot of thought went into how the inputs would affect the slider, and how it would scale in different devices. Below is an example of the Carousel component built using React with dummy data.

```
import React, { useState, Fragment } from "react";
import Slider from "react-slick";
import { FaArrowRight, FaArrowLeft } from "react-icons/fa";
import { Link } from "react-router-dom";
import Media from "react-media";

// import GifPlayer from "react-gif-player";

import "./carousel.css";

import cellGif from "../../lotties/cell/Comp 1.gif";

import insectGif from "../../lotties/insects/Comp 1_1.gif";

import humanPng from "../../lotties/human/Human-01.png";

const details = [
  {
    id: 1,
    gifName: "normal",
    size: "1",
    superscript: "",
    image: humanPng,
```

```

    name: "Human",
    desc: "lorem ipsum dolor ipsit",
    link: "/human",
  },
  {
    id: 2,
    gifName: "normal",
    size: "10",
    superscript: "-2",
    image: insectGif,
    name: "Insect",
    desc: "lorem ipsum dolor ipsit",
    link: "/insects",
  },
  {
    id: 3,
    gifName: "normal",
    size: "10",
    superscript: "-5",
    image: cellGif,
    name: "Cell",
    desc: "lorem ipsum dolor ipsit",
    link: "/cell",
  },
];

const Carousel = () => {
  const NextArrow = ({ onClick }) => {
    return (
      <div className="arrow next" onClick={onClick}>
        <FaArrowRight />
      </div>
    );
  };

  const PrevArrow = ({ onClick }) => {
    return (
      <div className="arrow prev" onClick={onClick}>
        <FaArrowLeft />
      </div>
    );
  };

  const [imageIndex, setImageIndex] = useState(0);

  const settingsBig = {
    infinite: true,
    lazyLoad: true,
    speed: 300,
    slidesToShow: 5,
    centerMode: true,
    centerPadding: 0,
    nextArrow: <NextArrow />,
    prevArrow: <PrevArrow />,
    beforeChange: (current, next) => setImageIndex(next),
  };

```



```

    adaptiveHeight: true,
  };
  const settingsMedium = {
    infinite: true,
    lazyLoad: true,
    speed: 300,
    slidesToShow: 3,
    centerMode: true,
    centerPadding: 0,
    nextArrow: <NextArrow />,
    prevArrow: <PrevArrow />,
    beforeChange: (current, next) => setImageIndex(next),
    adaptiveHeight: true,
  };
  const settingsSmall = {
    infinite: true,
    lazyLoad: true,
    speed: 300,
    slidesToShow: 1,
    centerMode: true,
    centerPadding: 0,
    nextArrow: <NextArrow />,
    prevArrow: <PrevArrow />,
    beforeChange: (current, next) => setImageIndex(next),
    adaptiveHeight: true,
  };

  return (
    <div className="carousel-container">
      <section style={{ margin: 0, padding: 0 }}>
        <Slider {...settingsSmall}>
          {details.map((item, index) => (
            <div
              className={
                index === imageIndex
                  ? "slide activeSlide"
                  : "slide inactiveSlide"
              }
            >
              <Link to={item.link}>
                <img
                  src={item.image}
                  className={item.gifName === "normal" ? "normal" : "abnormal"}
                  alt={item.image}
                  key={index}
                />
              </Link>

              <div className="desc" style={{}}>
                <Link to={item.link}>
                  <h2
                    class="size texts metric"
                    style={{ fontSize: "40px", color: "#cbd5e0" }}
                  >
                    {item.size}

```

```

        <sup>{item.superscript}</sup>m
      </h2>

      <h3
        className="bash-name texts"
        style={{ fontSize: "50px", fontWeight: "800" }}
      >
        {item.name}
      </h3>
    </Link>
    <p
      className="bash-description texts"
      style={{
        width: "650px",
        paddingRight: "3rem",
        paddingLeft: "3rem",
        fontSize: "30px",
        lineHeight: "1.1",
      }}
    >
      { " " }
      <span> {item.desc} </span>
    </p>
  </div>
</div>
  )))
</Slider>
</section>
)
</div>
);
};

export default Carousel;

```

Below is the custom CSS used for the above React component

```

@import "~slick-carousel/slick/slick.css";
@import "~slick-carousel/slick/slick-theme.css";

.carousel-container {
  width: 80%;
  margin: 10rem auto;
  height: 400px;
  margin-top: 10px;
}

.slick-slider {
  margin-top: 10px;
}

.slick-slide {
  height: 600px;
  display: flex !important;

```

```

    justify-content: center;
    align-items: center;
}

.Slider {
    height: 1800px;
}

.slide img {
    width: 20rem;
    margin: 0 auto;
}

.slide {
    transform: scale(0.38);
    transition: transform 300ms;
    opacity: 0.5;
    pointer-events: none;
}

.slide .desc {
    visibility: hidden;
}

.activeSlide {
    cursor: pointer;
    transform: scale(0.75);
    opacity: 1;
    transition: h3 5s ease-in 0.7s;
    pointer-events: unset;
}

.normal {
    /* transform: scale(0.38); */
}

.abnormal {
    transform: scale(1.1);
}

.normal {
    display: inline-block;

    transform: translateY(150px);
}

.abnormal {
    display: inline-block;

    transform: translateY(150px);
}

.activeSlide .desc {
    visibility: visible;
    transform: scale(1);
    text-align: center;
}

```

```

div.desc {
  /* background-color: #f0fff4; */
  margin-top: 150px;
  border-radius: 3px;
  padding: 5px;
  display: flex;
  flex-direction: column;
  justify-content: center;
  text-align: center;
  align-items: center;
}

p.click-notify {
  display: flex;
  justify-content: center;
  align-items: center;
  border-radius: 2.5px;
  font-size: 10px;
  font-weight: medium;
  color: #cbd5e0;
}

.arrow {
  background-color: #fff;
  position: absolute;
  cursor: pointer;
  z-index: 10;
}

.arrow svg {
  transition: color 300ms;
  color: #718096;
}

.arrow svg:hover {
  color: #3a5173;
}

.next {
  right: 0%;
  top: 50%;
}

.prev {
  left: 0%;
  top: 50%;
}

/* mobile */
@media only screen and (max-width: 768px) {
  h3.bash-name {
    font-size: clamp(0.5rem, -0.875rem + 6.333333vw, 1rem);
    text-align: center;
    font-size: 12px;
    font-weight: 600;
  }
}

```

```

p.bash-description {
  font-size: clamp(0.5rem, -0.875rem + 6.333333vw, 1rem);
  text-align: center;
  font-size: 9px;
}
p.click-notify {
  text-align: center;
  font-size: 8px;
}
}

@media only screen and (max-width: 600px) {
  .carousel-container {
    width: 80%;
    margin: 10rem auto;
    height: 300px;
    margin-top: 50px;
    margin-bottom: 100px;
  }

  .slick-slider {
    margin-top: 10px;
  }
  .slick-slide {
    height: 400px;
    display: flex !important;
    justify-content: center;
    align-items: center;
  }

  Slider {
    height: 1800px;
  }

  .slide img {
    width: 20rem;
    margin: 0 auto;
  }

  .slide {
    transform: scale(0.2);
    transition: transform 300ms;
    opacity: 0.5;
    pointer-events: none;
  }
  .slide .desc {
    visibility: hidden;
  }

  .activeSlide {
    cursor: pointer;
    transform: scale(0.45);
    opacity: 1;
    transition: h3 5s ease-in 0.7s;
    pointer-events: unset;
  }

```

```

}

.activeSlide .desc {
  visibility: visible;
  transform: inset;
  text-align: center;
}

.metric {
  transform: scale(1.7);
  margin-top: 2rem;
  margin-bottom: 1rem;
}

h3.bash-name {
  font-size: clamp(0.5rem, -0.875rem + 6.333333vw, 1rem);
  text-align: center;
  font-size: 12px;
  font-weight: 600;
}

p.bash-description {
  font-size: clamp(0.5rem, -0.875rem + 6.333333vw, 1rem);
  text-align: center;
  height: 70vh;
  font-size: 9px;
}

p.click-notify {
  text-align: center;
  font-size: 8px;
}
}

```

Since space is a factor while creating a report, here is a link to [Custom Carousel Gist](#) which has full data(only needs the gifs, but not shareable due to restrictions)

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